

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name SPRING VALLEY CREEK		Waterbody ID Code 1277200	Sample ID (YYYYMMDD-CY-FD) 20171003-57-01
Sampling Location		Database Key 150535170	
SWIMS Station ID 10008271		SWIMS Station Name SPRING VALLEY CREEK ST. #1	
Latitude 43.4347	Longitude -90.04024	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER WISCONSIN		Watershed Name NARROWS CREEK AND BARABOO RIVER	County SAUK

Sample and Site Descriptors	
Sample Collector (Last Name, First) JEAN UNMUTH	Project Name SOUTH DISTRICT FOLLOW UP MONITORING FOR IMPAIROM

Sampling Device

D-Frame Kick Net Surber Sampler Eckman
 Ponar Artificial Substrate Hess Sampler Other: _____

Habitat Sampled

Riffle Run Pool
 Other Shoreline Composite Proportionally-Sampled Habitat
 Littoral Zone Profundal Zone Wetland

Total Sampling Time (min) 8.0	Estimated Area Sampled (m ²) 5.0	Number of Samples in Composite	Replicate No. _____ of _____
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Reason For Sampling

Least Impacted Reference Baseline Impact / Treatment Site
 Control Site Trend Other: _____

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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Water Color <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input checked="" type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.30	Average Stream Width of reach (m) 2.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 40 Gravel (ladybug to tennisball): 10
 Sand: _____ Clay: _____ Silt/Muck: 10 Overhanging Vegetation: 40
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____
 Embeddedness of Substrate at Sample Site (%) 50 Canopy Cover at Sample Site (%) 0

Stream and Watershed Descriptors

N = Not a problem
 U = Uncertain
 PL = Present, Low Impact
 PH = Present, High Impact

Factors that may be influencing Water Resource Integrity		Local	Water-shed	Factors that may be influencing Water Resource Integrity		Local	Water-shed
Biological				Chemical			
Algae: - Diatoms / Periphyton				Chlorine		N	
- Filamentous Algae		PH	PH	Dissolved Oxygen			
- Planktonic Algae				Nutrients (P, N...)		PH	PH
Iron Bacteria		N		Toxics: - Inorganic (Metals)			
Macrophytes		N		- Organic (PCBs, pesticides...)			
Slimes		N		Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion		PH	PH
				Point Source - Specify:			
				Pasturing of Livestock		PH	PH
Channelization: - Upstream		N		Runoff: - Barnyard		PH	PH
- Downstream		PL		- Construction		N	N
Hydraulic Scour / Channel Incision		N		- Cropland		PH	PH
Impoundment: - Upstream		N	N	- Urban		N	N
- Downstream		N	N	Septic Systems			
Low Flow		PL		Tile Drainage - Organic Soils			
Sedimentation		PH	PH	- Mineral Soils			
Sludge				Springs			
Thermal				Tributary(s)			
Turbidity		PH	PH	Wetland			
Other - Specify:				Other - Specify:			

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Cadie Olson	Taxonomist Dimick Jeffrey	Estimated Percent of Sample Sorted 80%
Date Processed 1/25/18	Specimens Saved Subsample archived in ABC until Apr 2021	

A2: 17 D2 C3: E2 A1 C19 E1
 E3: A3 DT 63 D3 E2 31 B110 E3

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Stenacron interpunctatum</i>	L	III	4	Klukertanz 2016		
<i>Calopteryx</i>	L	I	1	West, May 1996	imm	N
<i>C. aequalis</i>	L	III	3	"		
<i>C. maculata</i>	L	III	3	"		
<i>Aeshna interrupta</i>	L	II	2	Need, et al 2000		
<i>Coenagrion/Enallagma</i>	L	IV	5	Schmidt unpubl	imm	N
<i>Enallagma</i>	L	I	1	West, May 1996	imm	
Limnephilidae	L	II	2	Hilkenhoff 1995		N
<i>Platycentropus amicus</i>	L	I	5	Wiggins 1996		
<i>Philostomis</i>	L	I	1	Hilkenhoff 1995		
<i>Psychomyia flavida</i>	L	I	1	"		
<i>Scalis</i>	L	I	1	"		
<i>Peltodytes edentulus</i>	A	I	1	Hils, Borg, 1978		
<i>Nemerodromia</i>	L	I	1	Scott, Merr 2008		
Ephydriidae	P	X-1	16	Merr, Webb 2008		
<i>Aixa</i>	L	I	1	Hilkenhoff 1995		
<i>Anopheles</i>	P	I	1	Wall, Walk 2008		
<i>Parakiefferiella</i>	P	I	1	Ferr, et al. 2008		
<i>Cricotopus (Cricotopus)</i>	P	I	1	Coff, et al. 1986		
<i>Gammarus pseudolimnaeus</i>	A	B-1	46	Nalinger 1972		
Caeridotea	A	I	5	Williams 1972	fem	
<i>Micravelia americana</i>	A	I	1	Hilkenhoff 1984a		
<i>Ranatra fusca</i>	A	III	3	"		
Naididae	A	-4	7	Brin, Celd. 1991		
Tubificoid Naididae w/ capilliform chaetae	A	III	3	Ersos et al 2008		
<i>Ferrissia rivularis</i>	A	I	1	Burch 1982		
<i>Laevapex fuscus</i>	A	II	2	Reyers 2016		
<i>Physa</i>	A	01	21	"		
Split A3 Chironomidae	L	III-IV				
<i>Conchapelopia</i>	L	III	4	Cran, Epler 2013		
<i>B. flavifrons</i>	L	III	4	Ander + 3 2013	mt indet/imm	N
<i>B. flavifrons</i>	L	III	3	Epler 2001		
Limnophyes	L	I	1	Ander + 3 2013		
<i>Parakiefferiella</i>	L	I	1	"		
<i>Thienemanniella taurocapita</i>	L	II	2	Boltan 2012		
<i>Th. xena</i>	L	I	1	"		

